(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 11 January 2001 (11.01.2001)

PCT

(10) International Publication Number WO 01/02632 A1

(51) International Patent Classification⁷: 9/15, 9/155, D01D 5/253

D01F 9/145,

(21) International Application Number: PCT/GB00/02363

(22) International Filing Date: 3 July 2000 (03.07.2000)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

9915346.2

1 July 1999 (01.07.1999) GB

9915857.8 7 July 1999 (07.07.1999) GI

- (71) Applicant (for all designated States except US): UNIVER-SITY OF LEEDS [GB/GB]; 175 Woodhouse Lane, Leeds, West Yorkshire LS2 9JT (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): Appleyard, Steven,
 Philips [GB/GB]; 4 Carr Lane, Rawdon, Leeds LS19 6PF (GB). LU, Shilin [CN/GB]; 6 Walkers Mount, Leeds LS6 2SD (GB). RAND, Brian [GB/GB]; 38 Housley Park, Chapeltown, Sheffield S35 2UE (GB).

- (74) Agents: STUTTARD, Garry, Philip et al.; Urquhart-Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (GB).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

With international search report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

11/02632

(54) Title: HIGHLY ORIENTED MESOPHASE PITCH-BASED GRAPHITE TAPE AND BULK CARBON MATERIAL